

R3

Exhibit A

14	H	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH}_2\text{CH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	-NH ₂	214-217 MeOH	1.3-2.2(m, 7H), 2.55(t, 2H), 3.55(d, 2H), 3.7(d, 2H), 4.75 (s, 6H), 7.17(s, 5H), 7.21(s, 1H)	327 328
44	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH}_2\text{CH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	H	167-169 アセトン	1.2-2.2(m, 7H), 2.5(t, 2H), 3.3(d, 4H), 3.43(br, 2H), 4.7 (br, 1H), 5.5(s, 2H), 5.73(s, 1H), 6.5(t, 1H), 7.07(s, 5H)	346 347
45	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ (\text{CH}_2)_3 \text{---} \text{C}_6\text{H}_5 \end{array}$	H	154-156 アセトン	1.2-2.1(m, 9H), 2.57(br, 2H), 3.3(br, 4H), 4.15(br, 1H), 5.8 (s, 1H), 6.17(br, 2H), 6.9(br, 1H), 7.2(s, 5H)	360 361

63	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	-NH ₂	100-115	1.3-2.1(m, 5H), 2.68(br, 2H), 3.35(d, 2H), 3.45(d, 2H), 4.5 (s, 6H), 7.23(s, 5H) (CD ₃ OD)	347 348
64	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH}_2\text{CH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	-NH ₂	176-180	1.2-2.1(m, 7H), 2.52(t, 2H), 3.38(d, 2H), 3.48(d, 2H), 4.31 (s, 6H), 7.18(s, 5H)	361 362
70	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH} \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	-CHO	156-158 アセトン	0.8(d, 6H), 1.2-2.1(m, 6H), 3.2-3.8(m, 4H), 4.55(m, 1H), 7.38(br, 2H), 9.35(br, 1H), 9.95(s, 1H)	312 313

71	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH}_2\text{CH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	-CHO	130-137 Et ₂ O	1.1-2.2(m, 7H), 2.53(t, 2H), 3.3-3.75(m, 4H), 4.13(t, 1H), 5.97(s, 2H), 7.18(s, 5H), 9.45 (t, 1H), 10.05(s, 1H)	374 375
78	Cl	-NH ₂	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{CH} \\ \quad \\ \text{CH}_3 \quad \text{CH}_3 \end{array}$	-CH=NOH	174-184 アセトン	0.78(d, 6H), 1.1-2.1(m, 6H), 3.2-3.8(m, 4H), 4.4(br, 1H), 6.51(br, 2H), 8.39(s, 1H), 8.5 (m, 1H), 10.85(s, 1H)	327 328

125	Cl	$\begin{array}{c} \text{-NHCH}_2 \text{---} \text{CH}_2\text{OH} \\ \\ \text{OCH}_2 \text{---} \text{C}_6\text{H}_5 \end{array}$	142-144	Et ₂ O 黄色
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105	Cl	-NH ₂	-NHCH ₂ CH ₂ OH	II	143-146 CHCl ₃	3.43(br m, 2H), 3.66(t, 2H), 4.88(s, 4H), 5.86(s, 1H), (CD ₃ OD)	Et 188 Cl 190
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